

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26364	(determin\$5 or estimat\$3 or calculat\$3 or evaluat\$3) near4 (data or pulse or wave\$1form) near6 (duration or (time adj4 interval) or (time adj4 pulse) or (time adj4 width))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/03 11:29
L2	7193	(determin\$5 or estimat\$3 or calculat\$3 or evaluat\$3) near4 (data or pulse or wave\$1form) adj4 (duration or (time adj4 interval) or (time adj4 pulse) or (time adj4 width))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/03 11:30
L3	3339	(determin\$5 or estimat\$3 or calculat\$3 or evaluat\$3) adj3 (data or pulse or wave\$1form) adj4 (duration or (time adj4 interval) or (time adj4 pulse) or (time adj4 width))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/03 11:30
L4	13	3 and (pulse adj frequency adj modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/03 11:35
L7	4	((band adj2 pass adj2 (filter\$5 or equal\$6)) or "bpf") same amplif\$4 same decod\$3 and (pulse adj frequency adj modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/08/03 11:37
L8	45	("3676939"   "4111421"   "4313227"   "4840602"   "4844475"   "4924216").PN. OR ("5098110").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:44
L13	1	(synchronous adj module) with synchron\$7 adj4 (pulse or signal or wave\$1form or data) near8 transmi\$5 with (reception or receiv\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:49
L14	1	(synchronous adj module) same synchron\$7 adj4 (pulse or signal or wave\$1form or data) near8 transmi\$5 with (reception or receiv\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:49
L15	13916	synchron\$7 adj4 (pulse or signal or wave\$1form or data) near8 transmi\$5 with (reception or receiv\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:50

## EAST Search History

L16	6717	synchron\$7 adj4 (pulse or signal or wave\$1form or data) adj4 transmi\$5 with (reception or receiv\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:50
L17	5	synchron\$7 adj4 (pulse or signal or wave\$1form or data) adj4 transmi\$5 with (reception or receiv\$3) same (pulse adj frequency adj modulat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:52
L18	5	synchron\$7 adj3 transmi\$5 near4 (reception or receiv\$3) same (pulse adj frequency adj modulat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 11:54
L19	9	synchron\$7 near4 transmi\$5 near4 (reception or receiv\$3) same (pulse adj frequency adj modulat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:15
L24	138	((multiple or plural\$3) near4 ((sub adj2 channel) or "sub-channel") near4 frequenc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:18
L26	1	((multiple or plural\$3) near4 ((sub adj2 channel) or "sub-channel") with central adj4 frequenc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:19
L27	10	((multiple or plural\$3) near4 ((sub adj2 channel) or "sub-channel") with (central or center) adj4 frequenc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:21
L28	34	((multiple or plural\$3) near4 ((sub adj2 channel) or "sub-channel") same (central or center) adj4 frequenc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:22
L29	1633	pulse adj frequenc\$3 adj modulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:21
L30	0	28 and 29	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:21
L31	236	((sub adj2 channel) or "sub-channel") same (central or center) adj4 frequenc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 13:22
L33	29	31 and (band adj width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 14:37
L34	2300	decod\$3 same (synchronous or sync or synchroni\$7) adj4 (unit or module)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 14:39
L35	555	decod\$3 near4 (synchronous or sync or synchroni\$7) adj4 (unit or module)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 14:39

## EAST Search History

L38	2	décod\$3 near4 (synchronous or sync or synchroni\$7) adj4 (unit or module or circuit) same (band adj pass adj (filter\$5 or equali\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 14:53
L39	6	decod\$3 with (synchronous or sync or synchroni\$7) adj4 (unit or module or circuit) same (band adj pass adj (filter\$5 or equali\$6)) same amplifier	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:29
L40	27	"6181255"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:33
L41	1	"7199376"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:34
L42	6155	transmi\$5 adj3 electromagnetic adj wave	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:35
L46	7517	transmi\$5 adj5 electromagnetic adj wave	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 15:40
L47	25	transmi\$5 adj medium adj electromagnetic adj wave	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:21
L48	1190	375/237,238,239.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:33
L49	301	329/313.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:28
L50	140	332/112.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:29
L51	1	YANG-ZHANGYUAN.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:34
L52	9	GUO-LI.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:34
L53	4	WANG-YANHUA.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/03 16:34
S1	25	"6181255"	US-PGPUB; USPAT	OR	ON	2007/07/23 17:06
S2	66	binary adj3 counter with (pulse near3 measur\$5)	US-PGPUB; USPAT	OR	ON	2007/07/23 17:11

## EAST Search History

S3	75	binary adj3 counter with (pulse near3 measur\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:13
S4	37442	(equal or constant or identical) near4 (zero or "0") near4 (one or "1")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:12
S5	25704	(equal or constant or identical) adj3 (zero or "0") near4 (one or "1")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:13
S6	0	S3 and S5	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:13
S7	191	binary adj3 counter same (pulse near3 measur\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:13
S8	7	S5 and S7	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:22
S9	2	"7158576"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/23 17:22
S10	231	pulse adj2 cod\$3 same (data near2 transmi\$6 near2 rat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:25
S11	1	(divi\$4 or generat\$3) near3 (pulse or wave\$1form or signal) near4 (equal or "same") near3 (binary adj3 digit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:19
S12	0	(generat\$3) adj4 ("3" or three or four or five) adj4 ("0" or zero) adj3 (digit) with ("1" or one)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:20
S13	268	("3" or three or four or five or "n" or "m") adj4 ("0" or zero) adj3 (digit) with ("1" or one)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:21

## EAST Search History

S14	0	S10 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:21
S15	0	("n" or "m") adj4 binary adj4 ("0" or zero) adj7 ("n" or "m") adj4 binary adj4 ("1" or one)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:21
S16	19	"5946120"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:26
S17	12	"3594765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:26
S18	17	"6272190"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:27
S19	4	"4069504"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:28
S20	15	"4006304"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:29
S21	868693	genie code	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:29
S22	6	genie adj3 code	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:31
S23	7	genie adj3 cod\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:31

## EAST Search History

S24	1	S23 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:31
S25	6947	(equal or "same") adj5 number adj5 (pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:32
S26	1251	375/242.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:32
S27	22	S25 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:32
S28	1488	375/242,246,253.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:42
S29	24	S25 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:38
S30	55	375/237.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:38
S31	5	S30 and binary adj4 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:43
S32	1537	375/237,242,246,253.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 12:42
S34	53	S32 and binary adj4 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:03

## EAST Search History

S35	58	S32 and (binary or ("0" or zero) with ("1" or one))) adj4 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:04
S36	5	S35 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:17
S37	21261	(binary) adj2 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:18
S38	47	S32 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:18
S39	0	S38 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:25
S40	0	("0" or zero) adj4 pulse near7 ("1" or one) adj4 pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:29
S41	8656	("0" or zero) adj4 (pulse or wave\$1form) with ("1" or one) adj4 (pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:30
S42	0	("0" or zero) adj4 (pulse or wave\$1form) near5 ("1" or one) adj4 (pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:30
S43	0	("0" or zero) adj4 (pulse or wave\$1form) near9 ("1" or one) adj4 (pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:31
S44	8656	("0" or zero) adj4 (pulse or wave\$1form) with ("1" or one) adj4 (pulse or wave\$1form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:31

## EAST Search History

S45	1382	S44 and (binary adj4 count\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:31
S46	8	S32 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/07/30 13:31
S47	1	"7199376"	US-PGPUB; USPAT	OR	ON	2007/07/30 16:02
S52	67	pluse adj3 modulat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/30 15:55
S53	1572	pulse adj frequency adj modulat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/07/30 15:56